1-170

Notes + clippings

Vitis

Mercuriales

270A

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GEORGE ENGELMANN PAPERS
MISSOURI BOTANICAL GARDEN

Rec'd April 20
Ans same day

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SECRETARY,
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Moro, Ills.

Biennial Membership, $4.00.
Life Membership, $20.00.

Secretary's Office,

American Pomological Society.

Moro, Ill. April 19 1875

Dr. George Engelmann

St Louis Mo.

Dear Sir

I have been looking over with great interest and admiration. your Classification of the American Grapes as given (1) in Mr Riley's Sixth Report and (2) as revised I suppose in the Bushberg Catalogue. I wish very much that you could be prevailed upon to give the paper still further revision and additions if you think them desirable and to furnish it as an Essay for the meeting of our American

Pomological Society at Chicago.
Nothing that I have seen in
all our attempts at classifica-
tion from the practical Stand-
point approaches the complete
ness and value. I hope, to learn
from you favorably I remain
Respectfully Yours
N. E. Lugg
20 April

Dear Sir, Your note of yesterday has given me the pleasing assurance that investigations, commenced many years ago with a purely scientific object, are considered by "practical men as of "practical" value, "more than all our attempts at Classification etc So must it always be if such men must pursue their studies impartially without immediate practical aims, without an "object" in view, only then the results will flow naturally and purely from their labors, and benefit and justify the practical pursuits

I do not consider my investigations is complete, by any means and intend to pursue them further, as time and opportunities offer, but I do not think I could at present say much more to your Society than is given in the Ampelography Catalogue; I hope that the hints thrown out by me in my introduction to) and then I hope you will excuse me if I do not attempt for your society what could be but a mere simple statement of my intended publication.

× about investigations of the manner of growth, time of flowering, fertilization, character of seed &c and other particularities of our native as well as cultivated grapes, will be gratefully received and attended to. Any information or specimens will be thankfully re-

Wilkes Barre Apr. 3rd 1875

Dear Doctor

Enclosed I send you a scrap for a name. Tonto Basin Central Arizona — Town Colleen

Yours,

J. G. Pothrock

16 Copies

to be sent to

— A Gray
— A. Braun
— Ravenel
— Th. Porter
— Dr J. H Balfour
Wm on Canby
— (Torrey Botan Club
(Dr Geo Thurber)
(L D Eaton)
— Prof E. Tuckerman
— Prof T. Carnel
— Prof O. Heer
— Prof T. Parlatore
— Dr Parry
— A DeCandolle
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— C Boissier
— H Bolander
(S. T. Olney)
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— Dr Jos D Hooker

full manual 5 Copies

sent to

— Prof Parlatore
— Prof Braun

From Ea 170
Bugelmann G.E.
Vitas papers

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De Candolle Prodr. XVI. 2 Pars Classe Cotoneaster

I. 338 – 343 North limit of Grape Culture

357 – 370. " "

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GEO. ENGELMANN, M. D.
3003 *Locust Street.*

St. Louis, Mo., Dec 1 1882

Geehrter Herr

Ich muß Sie mit einer Rekamplagenheit
behelligen, die Ihnen wohl von aber so gestern
Interesse sein wird wie mir.

Seit Jahren habe ich mich bemüht die eben
mythische Vitis cordifolia zu erwerben, & habe endlich
gegenwärtig reichliches reifes Material dieser Art, Buckley
hat sie selbst eine reife Traube davon gegeben.
Niemand will sie selbst so gesehen haben, & doch
überall sehr verbreitet, namentlich Uferberge Missouri
Arkansas, den Namen ist auch abgebildet sehe.

Ich kann endlich heute ein Compendium der Botanik
post festum, & bestelle von Ihnen zu einem gros-
sen einzigen reifen Manuscript große, die nicht Ihnen,
aber die Wissenschaft nützen. Hätte ich Sie 6 Monate
dem Nachricht gehabt; hätte er doch gesagt, so hätte
man zu rechter Zeit auf Abhilfe Ihnen können. Nun ist

Notes

Cissus acida Linn from South America
is very similar to Vitis indica
Lutt.

The transmitters of Albany may
be a result from S. Bliley
(Cuscuta viridis) or C. prostrata
perhaps Atriplex Australasica.

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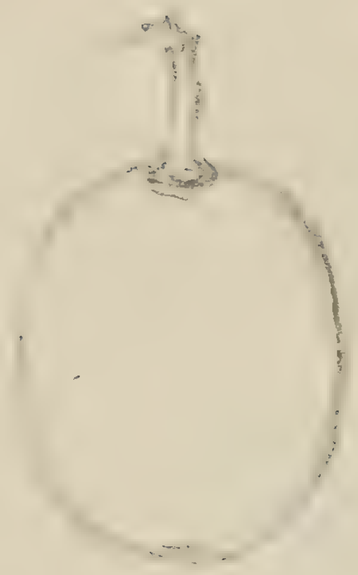

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APOTHECARY & PHARMACEUTIST,

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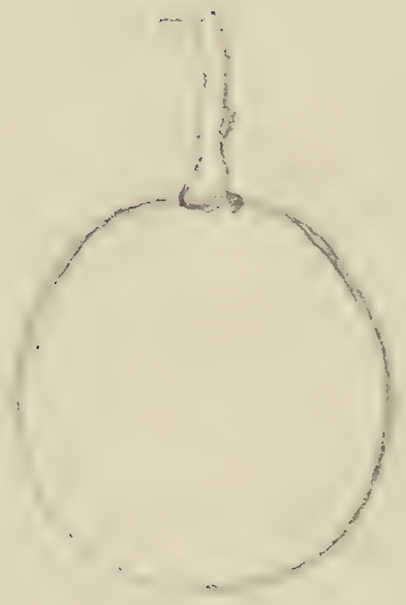

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Lilaea subulata 264 Aug 31 1867

Germantown, Pa. H. Mecha.

green, not rose, and fruit

Seeds 16-19 mm long and 15½-18 mm wide, very slightly elongated

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JONES & LEITCH

Druggists

Cor. Fifth & Market Sts. St. LOUIS, Mo.

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Size of trunks of Vitis

Vitis supposed to be cordifolia from the
A. Road in South Missouri Trunks
from 30½ to 38½ inches circumference

265

Vitis supposed to be Labrusca Wayne Co Ohio
37 inches circumference 6 feet from the ground
C. E. Berney — in Bonllet. Town Bot Club
Jan 1882

Vitis supposed to be aestivalis, Darien
Georgia, 8 feet from the ground 44 inches
circumference, H. W Ravenel
Bullet Tow Club. Febr 1882

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Office Anzeiger des Westens,

St. Louis, Jan 10 1878

Mr. H. Lee Engelmann

Sir:

At a Meeting of the Board of Directors of the **ANZEIGER ASSOCIATION,** *held*

Jan 8.

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Trans

Botanical Gazette.

Vol. VII. NOVEMBER, 1882. No. 11.

Editorial.—In the October *Naturalist* J. B. Ellis and Dr. Geo. Martin describe 13 new species of fungi, 5 of which belong to the genus *Cercospora* and 4 to *Sphæria*.

A solution of caustic potash brings out clearly to the unaided eye the presence of the concealed chlorophyll in the red beet leaf, thus making it a good class illustration.

One of the best plants in which to observe the presence of starch in the chlorophyll masses is *Spirogyra*. There is no necessity of discharging the chlorophyll but the iodine test can be applied at once bringing out beautifully the rich starch contents.

Miss M. Bockee Flint, of Adrian College, Michigan, has just been observing the capsules of *Hamamelis Virginiana* discharge their seeds. A branch lying upon her table and drying rapidly, the capsules began to discharge and the shining black nutlets were sent upward to the ceiling, a distance of at least twelve feet.

Mr. H. W. Preston, in the November *Naturalist*, gives an account of a botanical excursion to Mt. Mansfield and Smuggler's Notch, Vermont, which is enough to make our collectors turn green with envy. Those of us who cannot visit these interesting places must content ourselves with the very beautiful specimens of Messrs. Pringle and Hosford.

In some of our horticultural journals a plea is being made for the cultivation of the much abused dandelion. Not as a pot herb, for this is already done, but as a brilliant flower, that can be made to show its bright gold when everything else is held in by the winter's chill. Success to our humble friend! and when we have ridden our own lawn of its myriad roots we too may be tempted to cultivate it.

In the *Torrey Bulletin* for October, Mr. E. L. Greene describes some more new western plants, one of them being a new genus of *Compositæ* and named *Holozonia*. This plant has been long known imperfectly and has been placed under both *Hemizonia* and *Lagophylla* under the specific name of *filipes*, but upon obtaining complete specimens Mr. Greene decides that it can belong to neither of these genera and the new one is proposed.

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IT IS WITH REGRET that we have to record the death of one of our well known botanists. Mr. Elihu Hall, of Athens, Ill., died on the 24th of September last, at the age of 60 years. Mr. Hall's name is very intimately associated with many of our Rocky Mountain plants, the collection of Hall and Harbour in 1862, being among the richest in new species ever made. He botanized extensively in both Texas and Oregon, and in the second volume of the GAZETTE he published quite an extended list, with notes, of the "Arboreous, Arborescent and Suffruticose Flora of Oregon." The frequent appearance of the specific name *Hallii* among our western plants will ever be a reminder of him and his work, a reminder which he would most appreciate, his name linked with the plants he loved so well.

DR. JOHN A. WARDER, President of the American Forestry Association, has just issued a pamphlet bearing the title "Woody Plants of Ohio." In this work he has been assisted by Davis L. James and Joseph F. James, of the Cincinnati Society of Natural History. Dr. Warder is an old and skillful forester and few men have so intimate a knowledge of the "tricks and ways" of our woody plants. Having been fortunate enough to drink inspiration from Nuttall himself, he has never lost it, and is ever anxious to impart his great practical knowledge to others. He has conceived rightly that there is dense ignorance among farmers as to trees and this pamphlet is ostensibly addressed to this class, for the purpose of instruction, but the numerous notes are of great value also to the scientific botanist.

PROF. G. BRIOSI, of Rome, announces the discovery of a new organ upon the germinating plant. It consists of a collar or ring from which develop the equivalents of long "root-hairs." This "annulus" appears at the junction of the caulicle and root. The discovery was made upon the germinating seeds of *Eucalyptus globulus*. This organ is, of course, by no means of universal occurrence and the author mentions a few species and groups in which it is found in greater or less prominence. Briosi considers the function of this collar of hairs that of ordinary root-hairs; "it is a provision for the absorption of moisture from the soil, which comes into action at a very early period in germination, before the root and its root-hairs are produced." An interesting notice of Briosi's paper is given by Dr. Gray in the *Am. Jour. Sci.* for October.

PROF. T. J. BURRILL has for some years been engaged in studying a certain plant disease, known as blight, which he concludes is caused by the presence of living organisms known by that very poorly defined name, *Bacteria*. In the last number of the *Amer. Micr. Journal* he gives a very interesting account of certain vegetable poisons which he attributes to the presence of similar organisms. *Rhus Toxicodendron* was the most carefully observed and in its juices were discovered swarms of active bacteria, which

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A large Grape-vine.—Many years ago I found a colony of large grapes-vines, supposed to be *Vitis Labrusca*, L., in Wayne County, Ohio. A few years ago I revisited the spot for the purpose of making measurements. The trunks (for such they were) ranged from three inches to over a foot in diameter, the longest one having a circumference of thirty-seven inches at about four feet from the ground.

Ames, Iowa. C. E. Bessey.

266 Torrey Bulletin

At the regular meeting of the Club held Tuesday evening, Dec. 13th, the President occupied the chair and twenty-three members were present.

Dr. Kunze read a paper on the "Vitality of Seeds," which we hope to print at some other time.

CORRECTION.—By an oversight in our December number, *Omphalodium Hottentottum* **Arizonicum* was indicated as a variety, instead of a sub-species as it should have been. *Pertussaria*, in the same article, should read *Pertusaria*.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

It is said the largest grapevine known is in Gulf Hammock, Levi County, Florida. It is 5 feet 9 inches circumference 10 feet from the ground.

(32 inches diameter)

267

What species?

Chapman thinks it is erroneous

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height of only 30 inches, & consequently I would hold a specimen only about 2 ft high -

Very respectfully

Asa Gray

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